

**[CLAIMS]****[Claim 1]**

A pipe joint, comprising:

a body part provided by rolling a planar material to  
5 form a cylindrical structure;

a coupling part having a bent surface at each of both ends of the body part, with a plurality of locking holes provided on the bent surface of the coupling part;

locking means tightened into the locking holes to couple the both ends of the body part to each other; and

10 a reinforcing unit comprising a separate curved plate, the reinforcing unit being reduced in thickness at both ends thereof to be in close contact with an inner surface of the body part.

15 **[Claim 2]**

The pipe joint according to claim 1, wherein the reinforcing unit further comprises a stop means having a stepped shape.

**[Claim 3]**

20 The pipe joint according to claim 1, wherein the body part is stepped around a predetermined portion thereof so that upper and lower parts of the body part differ in inner and outer diameters from each other.

**【Claim 4】**

The pipe joint according to any one of claims 1 through 3, further comprising:

5 a sealing unit provided inside each of the body part and the reinforcing unit to provide a sealing effect after joining pipes.

**【Claim 5】**

10 The pipe joint according to claim 4, wherein the sealing unit comprises a close contact means to increase a contact force at a contact surface thereof.

**【Claim 6】**

The pipe joint according to any one of claims 1 through 3, wherein each of the coupling parts comprises a bending part to be attached to the body part.